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		Application Number	10/616,052
		Filing Date	July 9, 2003
		First Named Inventor	Philip D. Nguyen, et al.
		Art Unit	3672
		Examiner Name	William P. Neuder
Total Number of Pages in This Submission		Attorney Docket Number	HES 2002-IP-007014U1

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	McAfee & Taft C. Clark Dougherty, Jr., Registration No. 24,208
Signature	<i>C. Clark Dougherty Jr.</i>
Date	February 7, 2005

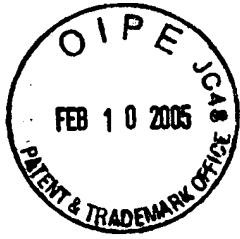
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Typed or printed name	Stephanie A. Bayliss		
Signature	<i>Stephanie A. Bayliss</i>	Date	February 7, 2005

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HES 2002-IP-007014U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Philip D. Nguyen	)	Art Unit: 3672
	Johnny A. Barton	)	
		)	
Serial No.:	10/616,052	)	Examiner: William P. Neuder
		)	
Filing Date:	July 9, 2003	)	
		)	
For:	METHODS OF CONSOLIDATING	)	
	SUBTERRANEAN ZONES AND	)	
	COMPOSITIONS THEREFOR	)	

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO OFFICE ACTION**

The Office Action mailed on January 11, 2005 and the references relied upon by the Examiner have been carefully reviewed. The Applicants respectfully request that the Examiner consider the following amendments and remarks.